

**Water Resources Development Act 2010  
Federal Authorization Requests  
Senator Kirsten Gillibrand**

- **Brown's River:** This project request will provide for the work necessary for the navigation of the Brown's River. The commercial viability of this waterway is vital to the Town of Islip's economy.
- **Citywide Bulkhead/Seawall Engineering Study:** The purpose of this project is to support an engineering study of existing bulkheads and seawalls around New York City to protect infrastructure against flood and storm damage. It will involve a survey and underwater inspections of existing bulkheads in each of NYC's five boroughs to identify capital needs and potential hardening opportunities. The study will leverage an existing high-level risk assessment performed by the New York City Department of Transportation and other public and private sector stakeholders through the NY Climate Change Adaptation Task Force.
- **Coastal/Marine Management Plan for ecosystem restoration of North Atlantic Region:** This request provides authority to complete Coastal/Marine Management Plan for ecosystem restoration in Long Island, NY State and the North Atlantic region. This will help the coastal management of the Long Island Sound with a significant amount of work in Huntington, NY.
- **Critical Restoration Projects in Esopus & Roundout Watersheds:** This request authorization will allow the Army Corps to participate in critical restoration projects in the Esopus, Roundout and Wallkill Watersheds.
- **Dutchess County Watershed Restoration:** This request provides authorization to allow the Army Corps to participate in critical restoration projects in the Dutchess County watersheds, which have suffered from numerous flooding incidents in recent years.
- **East Chester Creek:** Dredging of the east portion of East Chester Creek.
- **Eatonbrook Reservoir Dredging Project:** This request would authorize the design and construction of a small aquatic ecosystem restoration project in Eatonbrook Reservoir. The project team is focusing on dredging a small portion of the lake near Tuscarora Road in the northwest arm of the lake. This area has experienced fish habitat degradation due to siltation over the past 30 or more years.
- **Environmental Assistance, New York:** This authorization would allow USACE to provide environmental assistance to non-Federal interests across New York State in the form of design and construction assistance for water-related environmental infrastructure and resource protection and development projects.
- **Erie Canalway National Heritage Corridor, NY:** The purpose of this project authorization is for study, design, and construction of smart growth and ecosystem-based management projects in the Erie Canalway Nat'l Heritage Corridor Watershed, NY.

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- **Essex County, NY stormwater mapping:** This authorization would provide assistance for a project to develop maps identifying 100- and 500-year flood inundation areas in the State of New York, in Essex County.
- **Flood Control and Water Supply Infrastructure:** This authorization would allow for planning, engineering, design and construction for existing structures necessary for flood control and aquatic ecosystem restoration in the Glen Cove, NY area.
- **Fresh Kills Watershed:** This authorization would provide assistance with planning and implementing projects that contribute to the protection and enhancement of the Fresh Kills Watershed. The City of New York has committed to reclaim the 2,200 acre site of the Fresh Kills Landfill over the next 30 years, including its waterways. The creeks that run across the site could allow visitors a unique opportunity to explore Fresh Kills. Reclaiming and remediating the Fresh Kills Watershed is critical to improving the environmental quality and recreational opportunities for the site, and could serve as a model for landfill remediation projects nationwide.
- **Glens Falls Dam Rehabilitation Project:** This authorization would be to study and rehabilitate five dams in Glens Falls, NY. The City must complete these projects to protect residential and commercial property downstream of the dams, continue to regulate water flow, and to ensure the availability of a plentiful water supply for continued economic growth and development in the City of Glens Falls.
- **Great Lakes Commercial Navigation System Fund:** This authorization language would create a “Great Lakes Commercial Navigation System Fund”. This ensures that the complex system from port to port is maintained for safe and efficient navigation in the Great Lakes Region. Regular dredging is necessary to keep the shoreline along Lakes Erie and Ontario, and many small inland waterways in Western New York navigable for recreational and commercial vessels and free from contaminated sediments
- **Harbor Deepening Project, Environmental Restoration Initiatives, New York and New Jersey:** This authorization request would provide environmental restoration and mitigation within the Hudson-Raritan Estuary (HRE) in connection with the Corps' 50 foot harbor deepening project in NY Harbor. Throughout the implementation of the deepening project, there have been multiple opportunities for ecosystem restoration, some of which as been carried out as mitigation or beneficial use of dredged material. Executing these efforts in coordination will capitalize on synergies between dredging and environmental restoration within the HRE, a congressionally recognized estuary of national importance and component of the National Estuary Program.
- **Harbor Maintenance Trust Fund Spending Guarantee:** This authorization language would tie the Harbor Maintenance Trust Fund (HMTF) annual appropriations levels to annual HMTF revenues. The proposed language is comparable to that enacted by previous Congresses to address

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similar problems with Highway Trust Fund and Airport and Airways Trust Fund appropriations levels. These HMTF funds are critical to addressing needed maintenance work at ports and waterways both in the Great Lakes region and downstate.

- **Hudson Raritan Estuary Ecosystem Restoration Study:** This authorization supports the harborwide comprehensive restoration program that is a key element of the EPA Harbor Estuary Program. Additional funds for the design and implementation of priority sites identified as opportunities are being requested.
- **Hudson River Park:** This authorization request supports restoration work at the Hudson River Park. The Hudson River Park stretches from Battery Park in lower Manhattan to 59th Street, extending about 5 miles along the Hudson River, New York City, New York. This 550-acre Park is the largest open-space development in Manhattan since the completion of Central Park. The Park's development will include 13 public piers, a marine sanctuary and upland parks. The authorization support state and local commitments, which are ongoing.
- **Hunts Point Greenway:** This authorization request supports improvements to the Hunts Point Greenway in the Bronx. The improvements include the stabilization and restoration of the shoreline/bulkhead on the Bronx River.
- **Ilion Reservoir #2:** This authorization request support enhancements to dam safety at the Ilion Reservoir #2 located in Ilion, New York. The Ilion Reservoir #2 Dam is listed as a High Hazard Dam, and the reservoir serves as a critical water source for the Village.
- **Ithaca Inlet Project - Cayuga Inlet in the City of Ithaca, Tompkins County, NY:** This authorization would assist the state and local government in the implementation of a critically-needed initiative to restore the design discharge of the water management project in order to protect the public health and safety of the preserve as well as national resources.
- **Jamaica Bay Ecosystem Restoration Project (JBERP):** Jamaica Bay, situated within the Boroughs of Brooklyn and Queens, New York City, is about 8 miles long, 4 miles wide, covers 26 square miles and opens into the Atlantic Ocean via Rockaway Inlet. Jamaica Bay opens to the Atlantic Ocean via Rockaway Inlet, which is about 17 miles by water southeast of the Battery. Over the past century, the Bay's fragile ecosystem has been degraded through human encroachment and increased urbanization. Combined Sewer Outfall (CSO) discharges have also exacerbated these effects. To investigate the feasibility of restoring portions of the ecosystem of Jamaica Bay, a number of environmental restoration measures must be evaluated. These measures may include the need to: regrade shorelines, revegetate grasslands, create and/or restore additional estuarine, wetland and upland habitats, and improve circulation and flushing. The Jamaica Bay Ecosystem Restoration Study draft Feasibility report has been completed. Project authorization is provided in WRDA pending completion of a Chief of Engineer's Report by 31 December 2011. The purpose of this request would be to authorize the Project for Construction pending completion of the Chief of

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Engineer's report. To ensure a comprehensive restoration this project has eight recommended sites: Dead Horse Bay, Bayswater State Park, Dubos Point, Spring Creek, Paerdegat Basin, Fresh Creek, Hawtree Point and Brant Point.

- **Lake Ontario Shallow Draft Harbor Dredging:** This authorization request would be to create a fund to dredge and maintain federally-chartered Shallow Draft Harbors on Lake Ontario in the State of New York.
- **Mattituck 111:** This authorization addresses the Corps interpretation of cost allocation relating to the current authorization for the Mattituck Harbor. Congressional authorization would facilitate USACE ability to proceed with design & construction for this critical project.
- **Mohawk River Watershed, NY:** This request authorizes the Secretary of the Army to undertake Critical Restoration Projects within the Mohawk River Watershed in New York including projects dealing with environmental infrastructure, water supply, sediment control, flood damage reduction, navigation.
- **New Stapleton Waterfront:** This authorization request would support construction of tidal wetlands, recreational opportunities and storm management along New Stapleton Waterfront. This initiative will advance efforts to protect the shoreline and enhance environmental infrastructure in the Stapleton neighborhood of Staten Island.
- **New York City Watershed Environmental Assistance Program:** This authorization request would add language to the existing WRDA NYC Watershed Environmental Assistance Program authorization to allow for planning assistance to conduct “studies and projects that address watershed protection and climate change,” as well increase funding authorization to \$75 million to help meet the need to adapt to the impacts of climate change on water supply systems.
- **New York Lakes Program:** This authorization will allow USACE to enter into cost sharing agreements in the State of New York for the control of invasive species.
- **New York State Dam Safety Projects:** This authorization would add additional dams to the Army Corps's existing dam safety program. All of these dams are in need of repair to protect public health and safety:
  - State Dam at Auburn (Owasco Lake Outlet Dam), Cayuga County;
  - Croghan Dam, Lewis County
  - Whaley Lake Dam - Dutchess County
  - Rome Dam, Town of JayHigh Hazard
  - Willow Pond Dam, Monroe County, Town of Penfield
  - North Division Street Dam, Auburn, New York

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- **Northern Suffolk County Watersheds, Long Island, NY:** This authorization request would support flood damage reduction measures, water quality improvement measures, habitat creation, streambank and riparian habitat restoration, sediment transport control, and balancing flow regimes in the Northern Suffolk County Watershed. The population density in the Watersheds is causing various problems, including flooding, erosion, deposition, water quality, and environmental degradation.
- **Onondaga Lake:** This language request would extend the funding cap for current authorization for Onondaga Lake from \$30M to \$50M. The long-polluted lake is a priority clean-up site for the state and local communities.
- **Orangetown Flood Protection Project:** This authorization request would support replacement of the existing inadequate culver to address persistent flooding issues in Orangetown, NY.
- **Outboard Detour Roadway (ODR) Esplanade and Bikeway, NY:** This authorization request would be to support creation of a public esplanade/bikeway along East River from 53rd-60th St, reusing existing caissons, which formerly supported the Outboard Detour Roadway.
- **Protection of Great Lakes from Asian Carp:** This authorization request would support the implementation and construction of the recommendations in an Efficacy Study, authorized under section 3061 of WRDA 2007, and to implement emergency measures, including the use of piscicides, to prevent Asian carp from bypassing the existing electric dispersal barrier project in the Chicago Sanitary and Ship Canal into the Great Lakes. Due to Asian carps' extremely large size, voracious appetites, and fast rate of reproduction, these fish are an enormous threat to the ecosystem of the Great Lakes and we must do all we can to prevent their passage into the Great Lakes from happening. Asian Carp infiltration into the Great Lakes poses a multi-billion dollar impact on the economy of Great Lakes communities and businesses.
- **Recreational Harbor Program:** This authorization request would authorize the Army Corps to dredge, maintain, conduct structural repairs, and other activities in recreational harbors. This would include harbors such as Olcott, Wilson, Irondequoit Bay, Great and Little Sodus, and Oak Orchard on Lake Ontario in the State of New York.
- **Restoration of the North Shore of the Long Island Sound Waterfront:** This authorization request would support a flood damage reduction project to address a critical flooding situation on Manhasset Bay in the Plandome Village area, where the Long Island Sound has eroded the structural integrity of the Plandome Road transportation corridor, and where North Hempstead and its partners must construct bulkheading, culvert restoration, and roadway improvements in order to protect public safety, commerce, and local quality of life.

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- **Rock Bottom Bridge Flood Wall:** This authorization request would support the replacement of a 40-foot wide section of flood wall that is situated along the south side of the Susquehanna River in Binghamton, NY. The top elevation of the flood wall is too low, due to the removal of a bridge whose abutment served as the top of the flood wall.
- **Rockaway Beach Project:** This authorization request would support restoration of portions of the vertical shoreline infrastructure on Rockaway Beach that have eroded. The extreme damages are caused by a breach below the waterline of the seawall. If this is not repaired this breach can potentially undermine the critical adjacent roadway if left untreated.
- **Salmon River Bank Retaining Wall Replacement:** This authorization request would support restoration of the the Salmon River bank retaining wall located in the center of the Village of Pulaski, NY. The bank retaining wall, which is well over thirty years old, has served as a critical river bank erosion barrier protecting critical water and wastewater infrastructure as well as residential and commercial property along the river bank. Subsequent to high water flows this past winter season it has been observed that the wall is showing signs of progressive failure and is in need of immediate repair and/or replacement to avert an environmental and economic disaster within the Village.
- **Tempoary Suspension of Match Requirement:** As states and municipalities struggle to deal with the economic downturn, it is critical that authorized projects that protect public health and safety, environmental remediation and economic development proceed as planned. This language request would allow for the temporary suspension of local cost shares for Army Corps projects. This will help many projects get underway during these challenging fiscal times.
- **Water Supply Improvements in Rochester, NY:** This authorization request would support the rehabilitation of the City's aging water supply infrastructure; and install reservoir covers and upgraded treatment systems to protect the City's three drinking water reservoirs, as required by new regulations under the federal Safe Drinking Water Act.